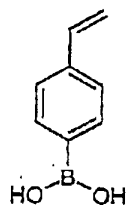
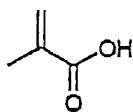


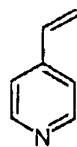
FIGURE 1. Schematic representation of the molecular imprinting process.
(1) Pre-assembly (2) Polymerization (3) Extraction/cleavage

Boronate ester-forming monomer

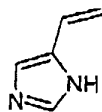
4-Vinylphenylboronic acid

Hydrogen bond-forming and ion-pair forming monomers

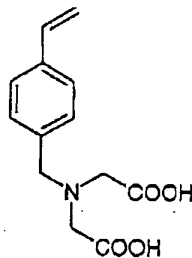
Methacrylic acid



4-Vinylpyridine

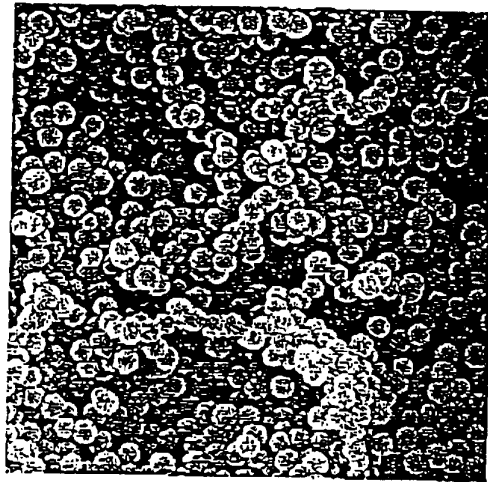
Metal-chelating monomers

4-Vinylimidazole



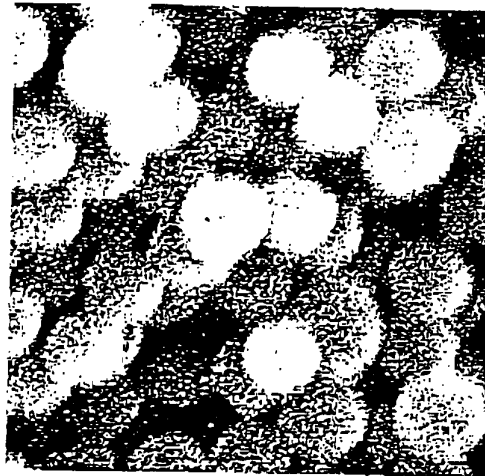
4-Vinylbenzyl-iminoacetic acid

FIGURE 2



Magnification 7,500 x

FIGURE 3a



Magnification 30,000 x

FIGURE 3b

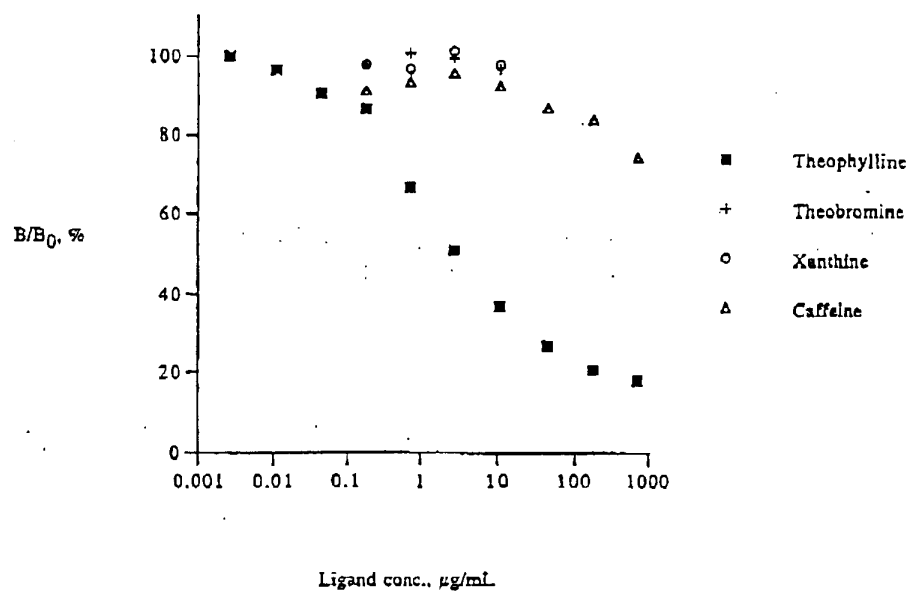


FIGURE 4

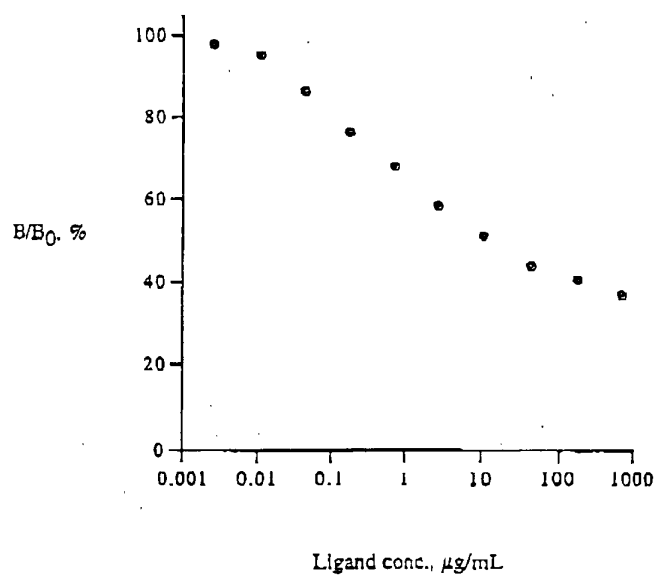


FIGURE 5

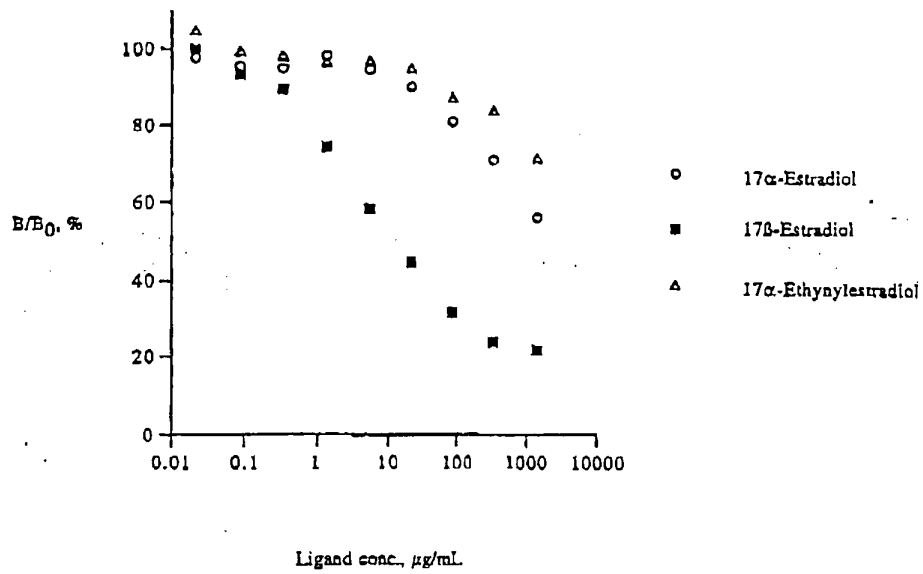


FIGURE 6